



# California Regional Water Quality Control Board

## Central Valley Region



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Protection

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18 November 2003

Mr. Jim Abercrombie  
Amador Water Agency  
12800 Ridge Road  
Sutter Creek, CA 95685

**NOTIFICATION OF APPLICABILITY OF GENERAL ORDER FOR WASTE DISCHARGE TO LAND BY SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS, ORDER NO. 97-10-DWQ-R5039, AMADOR WATER AGENCY, EAGLE'S NEST COMMUNITY LEACHFIELD SYSTEM, AMADOR COUNTY**

On 28 January 2000, the Amador Water Agency (hereafter referred to as "Discharger") was issued an individual waiver of waste discharge requirements (WDRs) under Waiver Resolution Order No. 5-00-003 for the Eagle's Nest Community Leachfield System (CLS). Because Senate Bill 390 amended Section 13269 of the California Water Code to cause all waivers to expire on 1 January 2003, staff required the Discharger to submit a Report of Waste Discharge (RWD) for coverage under a new waiver or WDRs.

On 1 May 2003, the Discharger submitted a RWD for the Eagle's Nest CLS. Based upon review of the RWD, it has been determined that the Eagle's Nest CLS meets the conditions for coverage under Water Quality Order No. 97-10-DWQ, *General WDRs for Discharges to Land by Small Domestic Wastewater Treatment Systems* (General Order), a copy of which is enclosed for your information.

### FACILITY LOCATION

The Eagle's Nest CLS is within the Eagle's Nest development, off of Lambert Road approximately three miles northwest of the City of Ione, in Amador County.

### FACILITY DESCRIPTION

The Eagle's Nest CLS serves a small development that consists of 14 lots averaging approximately 42 acres each. The CLS was designed to treat and dispose of approximately 2,800 gallons per day (gpd) of domestic wastewater, which is based on a flow of 200 gpd per unit. Currently, there are eight active connections to the CLS, which results in dry weather flows of approximately 1,300 gpd. The development is at 50% of full buildout.

The Eagle's Nest CLS consists of a 1,000 gallon septic tank at each residential unit, a collection system which relies on pumping via septic tank pumps and gravity to convey the wastewater, and a leachfield. The CLS has an influent flow meter to monitor the volume of wastewater being discharged into the

leachfield. There are approximately 1,200 lineal feet of leachlines within the leachfield area, which is divided into two different fields. Ball valves have been installed within the main leachfield distribution line to allow alternating between the two disposal fields for even distribution of wastewater. The lateral lines within each disposal area are equipped with observation port risers to monitor the water levels within the disposal trenches. Lateral distribution lines are generally rotated when wastewater in the observation port(s) is within 20 to 24 inches from the ground surface.

There are no surface water features or water supply wells in the vicinity of disposal fields. The Discharger has constructed and installed a stormwater diversion ditch to divert stormwater flows away from the leachfield. The Discharger inspects the CLS at least once per week.

There are several aviation maintenance-related businesses within the Eagle's Nest development. Typical activities include refurbishing and repairing aircraft, fueling of aircraft, and aircraft washing. Wastewater produced as part of maintenance activities does not flow into the Eagle's Nest CLS. Each business has a wash pad and maintenance pad on which all activities related to the aircraft take place. The pads are concrete lined, contain a drain(s), and are graded to prevent runoff of wash water and stormwater. Drains within the pad are connected to an underground tank, which is periodically pumped out. Wastewater is hauled off site for disposal. There are no connections from any of the pads or other outdoor sources to the CLS.

#### **MONITORING AND REPORTING PROGRAM**

Attachment A of General Order No. 97-10-DWQ is the standard Monitoring and Reporting Program (MRP) for Small Domestic Waste Systems. However, a Facility Specific MRP is more applicable to this facility. A draft of the Facility Specific MRP was transmitted to the Discharger on 8 October 2003 and staff has addressed the comments presented during a meeting on 30 October 2003. The final Facility Specific MRP No. 97-10-DWQ-R5039 is enclosed, and the Discharger is required to meet the monitoring and reporting requirements of this document instead of Attachment A of the General Order.

#### **REQUIRED TECHNICAL REPORTS**

Pursuant to Section 13267 of the California Water Code, the Discharger shall submit the following technical report prepared by a registered professional with experience in water quality:

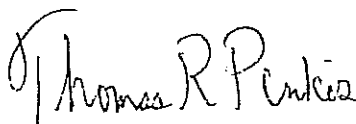
1. By 1 February 2004, the Discharger shall submit and implement an Operation and Maintenance (O&M) Plan for the Eagle's Nest CLS. The O&M Plan shall instruct field personnel on how to manage the day-to-day discharge operations to comply with the terms and conditions of this Order and how to make field adjustments, as necessary, to optimize the effectiveness and life of the leachfields and preclude nuisance conditions (e.g., surfacing wastewater). It shall also include a troubleshooting flowchart with recommended remedial actions and a description of notification requirements. The O&M Plan shall address management of the CLS in sufficient detail to optimize compliance with this Order.

## GENERAL REQUIREMENTS

1. The monthly average flow to the CLS shall not exceed 2,800 gallons per day.
2. Discharge of material other than domestic wastewater, or the discharge of any other contaminants, to the CLS is prohibited.
3. Wastes generated during aircraft maintenance activities must be collected in tanks and hauled off-site for disposal at an appropriately regulated facility.
4. The Discharger shall comply with all aspects of General Order No. 97-10-DWQ, the Facility Specific MRP No. 97-10-DWQ-R5039, and the Standard Provisions for General Order No. 97-10-DWQ.
5. Failure to abide by the conditions of the General Order and this letter authorizing applicability could result in enforcement actions as authorized by provisions of the California Water Code.

Based on the above conditions, the Amador Water Agency's Eagle's Nest Community Leachfield is hereby granted coverage under General Order No. 97-10-DWQ.

If you have any questions regarding this permit, please call Scott Kranhold at (916) 255-3389.



THOMAS R. PINKOS  
Executive Officer

Enclosures: General Order No. 97-10-DWQ  
Facility Specific Monitoring and Reporting Program No. 97-10-DWQ-R5039  
Standard Provisions for General Order No. 97-10-DWQ

cc w/ enc: Michael Israel, Amador County Environmental Health Department, Jackson  
Gene Mancebo, Amador Water Agency, Sutter Creek  
Chris McKeage, Amador Water Agency, Sutter Creek